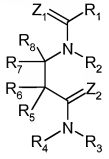
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Withdrawn) A compound of the formula



(I),

in which

Z_1 is an oxygen atom; or a sulfur atom;

Z_2 is an oxygen atom; or a sulfur atom;

R_1 is a phenyl or naphthyl group, which is substituted independently by 1 or 2 substituents R_a and optionally further substituted independently by 1 to 3 substituents R_b; or

R_1 is heteroaryl composed of a ring having 5 or 6 ring members or of a combination of at least two rings having in each case independently of one another 5 or 6 ring members, where 1 up to and including 4 of the ring members is (are) (a) heteroatom(s) selected from the group consisting of nitrogen, oxygen and sulfur, which heteroaryl is unsubstituted or substituted independently by 1 to 4 substituents R_c;

R_2 is hydrogen; a C_1-C_6alkyl, C_2-C_6alkenyl, C_2-C_6alkynyl or C_3-C_6cycloalkyl group, which group is unsubstituted or substituted independently by one or more substituents, selected from the group, consisting of the substituents R_a; a group $C(=O)R_d$; or a group $C(=S)R_d$;

R_3 is hydrogen; a C_1-C_6alkyl, C_2-C_6alkenyl, C_2-C_6alkynyl or C_3-C_6cycloalkyl group, which group is unsubstituted or substituted independently by one or more substituents, selected from the group, consisting of the substituents R_a; C_1-C_6alkoxy; halo-C_1-C_6alkoxy; C_3-C_6cycloalkoxy; C_1-C_6alkylthio; halo-C_1-C_6alkylthio; C_1-C_6alkylamino; halo-C_1-C_6alkylamino; di-C_1-C_6alkylamino, in which the two alkyl groups are the same or different or, taken together, form, together with the nitrogen atom, to which they are attached, a ring containing 1 ring nitrogen atom and 2 to 12 ring carbon atoms and optionally 1 further ring hetero atom, which then replaces 1 ring carbon atom and is selected from the group, consisting of an oxygen, a sulfur and a nitrogen atom, which ring is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group,

consisting of cyano, nitro, halogen, C_1-C_4alkyl and C_1-C_4alkoxy; di-(halo-C_1-C_6alkyl)-amino, in which the two haloalkyl groups are the same or different; C_3-C_6cycloalkylamino; N-(C_1-C_6alkyl)-N-(C_3-C_6cycloalkyl)-amino; C_1-C_6alkoxycarbonyl; halo-C_1-C_6alkoxycarbonyl; C_1-C_6alkylcarbonyl or halo-C_1-C_6alkylcarbonyl;

R_4 is hydrogen; a substituent R_1; a substituent R_e; a C_1-C_6alkyl, C_2-C_6alkenyl, C_2-C_6alkynyl or C_3-C_6cycloalkyl group, which group is unsubstituted or substituted independently by one or more substituents, selected from the group, consisting of the substituents R_a, the substituents R_e and a phenyl, benzoyl, phenoxy or heteroaryl group composed of a ring having 5 or 6 ring members or of a combination of at least two rings having in each case independently of one another 5 or 6 ring members, where 1 up to and including 4 of the ring members is (are) (a) heteroatom(s) selected from the group consisting of nitrogen, oxygen and sulfur, which group is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of the substituents R_c; a group CH_2OR_1; a group CH_2SR_1; a group CH_2NHR_1, which group is optionally further substituted at the nitrogen atom by C_1-C_6alkyl or halo-C_1-C_6alkyl; C_1-C_6alkoxy; halo-C_1-C_6alkoxy; C_3-C_6cycloalkoxy; a group OR_1; C_1-C_6alkylthio; halo-C_1-C_6alkylthio; a group SR_1; C_1-C_6alkylsulfinyl; halo-C_1-C_6alkylsulfinyl; C_1-C_6alkylsulfonyl; halo-C_1-C_6alkylsulfonyl; C_1-C_6alkylamino; halo-C_1-C_6alkylamino; di-C_1-C_6alkylamino, in which the two alkyl groups are the same or different or, taken together, form, together with the nitrogen atom, to which they are attached, a ring containing 1 ring nitrogen atom and 2 to 12 ring carbon atoms and optionally 1 further ring hetero atom, which then replaces 1 ring carbon atom and is selected from the group, consisting of an oxygen, a sulfur and a nitrogen atom, which ring is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of cyano, nitro, halogen, C_1-C_4alkyl and C_1-C_4alkoxy; di-(halo-C_1-C_6alkyl)-amino, in which the two haloalkyl groups are the same or different; C_3-C_6cycloalkylamino; N-(C_1-C_6alkyl)-N-(C_3-C_6cycloalkyl)-amino; a group NHR_1, which group is optionally further substituted at the nitrogen atom by C_1-C_6alkyl or halo-C_1-C_6alkyl; a group $C(=O)R_d$; a group $C(=O)R_e$; a group $C(=S)R_d$; or a group $C(=S)R_e$;

or R_3 and R_4, taken together, form, together with the nitrogen atom, to which they are attached, a ring containing 1 ring nitrogen atom and 2 to 6 ring carbon atoms and optionally 1 further ring hetero atom, which then replaces 1 ring carbon atom and is selected from the group, consisting of an oxygen, a sulfur and a nitrogen atom, which ring is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of cyano, nitro, halogen, C_1-C_4alkyl and C_1-C_4alkoxy;

R_a is cyano; nitro; halogen; C_1-C_6alkyl; halo-C_1-C_6alkyl; C_1-C_6alkoxy-C_1-C_6alkyl; C_2-C_6alkenyl; halo-C_2-C_6alkenyl; C_2-C_6alkynyl; halo-C_2-C_6alkynyl; C_3-C_6cycloalkyl; halo-C_3-C_6cycloalkyl; hydroxy; C_1-C_6alkoxy; halo-C_1-C_6alkoxy; C_3-C_6cycloalkoxy; mercapto; C_1-C_6alkylthio; halo-C_1-C_6alkylthio; C_1-C_6alkylsulfinyl; halo-C_1-C_6alkylsulfinyl; C_1-C_6alkylsulfonyl; halo-C_1-C_6alkylsulfonyl; amino; C_1-C_6alkylamino; halo-C_1-C_6alkylamino; di-C_1-C_6alkylamino, in which the two alkyl groups are the same or different or, taken together, form, together with the nitrogen atom, to which they are attached, a ring containing 1 ring nitrogen atom and 2 to 12 ring carbon atoms and optionally 1 further ring hetero atom, which then replaces 1 ring carbon atom and is selected from the group, consisting of an oxygen, a sulfur and a nitrogen atom, which ring is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of cyano, nitro, halogen, C_1-C_4alkyl and C_1-C_4alkoxy; di-(halo-C_1-C_6alkyl)-amino, in which the two haloalkyl groups are the same or different; C_3-C_6cycloalkylamino; N-(C_1-C_6alkyl)-N-(C_3-C_6cycloalkyl)-amino; carboxy; C_1-C_6alkoxycarbonyl; halo-C_1-C_6alkoxycarbonyl; aminocarbonyl; C_1-C_6alkylaminocarbonyl; halo-C_1-C_6alkylaminocarbonyl; di-C_1-C_6alkylaminocarbonyl, in which the two alkyl groups are the same or different or, taken together, form, together with the nitrogen atom, to which they are attached, a ring containing 1 ring nitrogen atom and 2 to 12 ring carbon atoms and optionally 1 further ring hetero atom, which then replaces 1 ring carbon atom and is selected from the group, consisting of an oxygen, a sulfur and a nitrogen atom, which ring is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of cyano, nitro, halogen, C_1-C_4alkyl and C_1-C_4alkoxy; di-(halo-C_1-C_6alkyl)-aminocarbonyl, in which the two haloalkyl groups are the same or different; C_1-C_6alkylcarbonyl; halo-C_1-C_6alkylcarbonyl; or tri-C_1-C_6alkylsilyl, in which the three alkyl groups are the same or different;

or 2 substituents R_a, which are attached to adjacent carbon atoms, taken together, are -(CH_2-)$_3$; -(CH_2-)$_4$; -(CH_2-)$_5$; -(CH=CH-)$_2$; -OCH_2O-; -O-(CH_2-)$_2$O-; -OCF_2O-; -(CF_2-)$_2$O-; -O-(CF_2-)$_2$; or -O-(CF_2-)$_2$O-;

R_b is halogen; C_1-C_6alkyl; C_2-C_6alkenyl; C_2-C_6alkynyl; C_3-C_6cycloalkyl; C_1-C_6alkoxy; C_1-C_6alkoxycarbonyl; or a phenyl, benzyl, phenoxy or heteroaryl group composed of a ring having 5 or 6 ring members or of a combination of at least two rings having in each case independently of one another 5 or 6 ring members, where 1 up to and including 4 of the ring members is (are) (a) heteroatom(s) selected from the group consisting of nitrogen, oxygen and sulfur,

which group is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of the substituents R_a;

R_c is a substituent R_a; or a phenyl, benzyl, benzoyl, phenoxy or heteroaryl group composed of a ring having 5 or 6 ring members or of a combination of at least two rings having in each case independently of one another 5 or 6 ring members, where 1 up to and including 4 of the ring members is (are) (a) heteroatom(s) selected from the group consisting of nitrogen, oxygen and sulfur, which group is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of the substituents R_a;

R_d is a substituent R_1; C_1-C_6alkyl; halo-C_1-C_6alkyl; C_1-C_6alkoxy-C_1-C_6alkyl; a group CH_2R_1; a group CH_2OR_1; a group CH_2SR_1; a group CH_2NHR_1, which group is optionally further substituted at the nitrogen atom by C_1-C_6alkyl or halo-C_1-C_6alkyl; C_2-C_6alkenyl; halo-C_2-C_6alkenyl; C_2-C_6alkynyl; halo-C_2-C_6alkynyl; C_3-C_6cycloalkyl; halo-C_3-C_6cycloalkyl; C_1-C_6alkoxy; halo-C_1-C_6alkoxy; C_3-C_6cycloalkoxy; a group OR_1; C_1-C_6alkylthio; halo-C_1-C_6alkylthio; a group SR_1; C_1-C_6alkylamino; halo-C_1-C_6alkylamino; di-C_1-C_6alkylamino, in which the two alkyl groups are the same or different or, taken together, form, together with the nitrogen atom, to which they are attached, a ring containing 1 ring nitrogen atom and 2 to 12 ring carbon atoms and optionally 1 further ring hetero atom, which then replaces 1 ring carbon atom and is selected from the group, consisting of an oxygen, a sulfur and a nitrogen atom, which ring is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of cyano, nitro, halogen, C_1-C_4alkyl and C_1-C_4alkoxy; di-(halo-C_1-C_6alkyl)-amino, in which the two haloalkyl groups are the same or different; C_3-C_6cycloalkylamino; N-(C_1-C_6alkyl)-N-(C_3-C_6cycloalkyl)-amino; or a group NHR_1, which group is optionally further substituted at the nitrogen atom by C_1-C_6alkyl or halo-C_1-C_6alkyl;

R_e is a carbocyclyl or heterocyclyl group, which group is monocyclic or bicyclic and is non-aromatic, in which group 1 or 2 of the ring members are optionally selected from the group, consisting of the groups C(=O), S(=O) and $S(=O)_2$, and which group is unsubstituted or substituted independently by 1 to 4 substituents, selected from the group, consisting of cyano, nitro, halogen, C_1-C_4alkyl and C_1-C_4alkoxy;

R_5 is hydrogen, C_1-C_6alkyl or halo-C_1-C_6alkyl; or forms, taken together with R_8 or with a monovalent substituent attached to that atom of R_6, via which atom R_6 is directly connected with the carbon atom, shown in the formula I, which carries R_5, one additional bond;

R_6 and R_7, taken together, form, together with the two carbon atoms, shown in the formula I, to which atoms they are attached, a bicyclic ring system, which ring system is carbocyclic or heterocyclic, which ring system is substituted, in the manner shown in the formula I, by the four substituents $-N(R_2)-C(=Z_1)-R_1$, $-C(=Z_2)-N(R_3)-R_4$, R_5 and R_8, and which ring system is optionally further substituted;

and R_8 is hydrogen; or a C_1-C_6alkyl group; or forms, taken together with R_5 or with a monovalent substituent attached to that atom of R_7, via which atom R_7 is directly connected with the carbon atom, shown in the formula I, which carries R_8, one additional bond,
or, where appropriate, a tautomer thereof, in each case in free form or in salt form.

2. (Withdrawn) A compound according to claim 1 of the formula I, in which Z_1 is an oxygen atom, or, where appropriate, a tautomer thereof.

3. (Withdrawn) A compound according to claim 1 of the formula I, in which Z_2 is an oxygen atom, or, where appropriate, a tautomer thereof.

4. (Withdrawn) A compound according to claim 1 of the formula I, in which R_1 is a phenyl, pyridyl or pyrazolyl group, which is unsubstituted or substituted, or, where appropriate, a tautomer thereof.

5. (Withdrawn) A compound according to claim 4 of the formula I, in which R_1 is a pyrazol-5-yl group, which is substituted in the 3-position by halogen, halo-C_1-C_6alkyl or halo-C_1-C_6alkoxy and in the 1-position by a pyrid-2-yl group, which group is substituted in the 3-position by chlorine or bromine, or, where appropriate, a tautomer thereof.

6. (Withdrawn) A compound according to claim 1 of the formula I, in which R_2 is hydrogen or C_1-C_6alkyl, or, where appropriate, a tautomer thereof.

7. (Withdrawn) A compound according to claim 1 of the formula I, in which R_3 is hydrogen or C_1-C_6alkyl, or, where appropriate, a tautomer thereof.

8. (Withdrawn) A compound according to claim 1 of the formula I, in which R_4 is C_1-C_6alkyl, or, where appropriate, a tautomer thereof.

9. (Withdrawn) A compound according to claim 1 of the formula I, in which R_5 and R_8, taken together, are a bond, or, where appropriate, a tautomer thereof.

10. (Withdrawn) A compound according to claim 1 of the formula I, in which the two carbon atoms, shown in the formula I, to which atoms R_6 and R_7 are attached, are two ring members of an aromatic ring, or, where appropriate, a tautomer thereof.

11. (Withdrawn) A pesticidal composition, which comprises at least one compound according to claim 1 of the formula I or, where appropriate, a tautomer thereof, in each case in free form or in agrochemically utilizable salt form, as active ingredient and at least one auxiliary.

12. (Withdrawn) A composition according to claim 11 for controlling insects or representatives of the order Acarina.

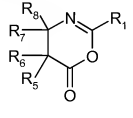
13. (Withdrawn) A method for controlling pests, which comprises applying a composition according to claim 11 to the pests or their environment.

14. (Withdrawn) A method according to claim 13 for controlling insects or representatives of the order Acarina.

15. (Withdrawn) A method according to claim 13 for the protection of plant propagation material from the attack by pests, which comprises treating the propagation material or the site, where the propagation material is planted.

16. (Withdrawn) Plant propagation material treated in accordance with the method described in claim 15.

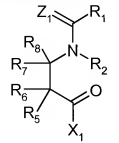
17. (Withdrawn) A compound of the formula B



(B),

in which R_1, R_5, R_6, R_7 and R_8 have the meanings given in claim 1 for the formula I, or, where appropriate, a tautomer thereof, in each case in free form or in salt form.

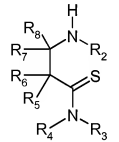
18. (Withdrawn) A compound of the formula D



(D),

in which Z_1, R_1, R_2, R_5, R_6, R_7 and R_8 have the meanings given in claim 1 for the formula I; and R is OH, C_1-C_4alkoxy or Cl, or, where appropriate, a tautomer thereof, in each case in free form or in salt form.

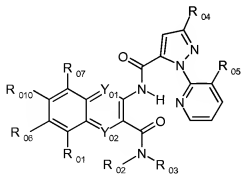
19. (Withdrawn) A compound of the formula AA



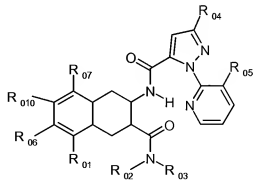
(AA),

in which R_2, R_3, R_4, R_5, R_6, R_7 and R_8 have the meanings given in claim 1 for the formula I, or, where appropriate, a tautomer thereof, in each case in free form or in salt form.

20. (Currently Amended) A ~~Compounds~~compound of either formulae VIIa and VIIb



(VIIa),



(VIIb),

wherein

R_{01} is hydrogen[[;]], amino, or nitro;

R_{02} is hydrogen or C_1-C_4alkyl;

R_{03} is C_1-C_4alkyl, C_1-C_4alkyl mono- or disubstituted by cyano, COOH, nitro, C_1-C_4alkoxy or cyclopropyl; C_2-C_8alkenyl[[,]]; C_2-C_8alkenyl substituted by halogen; C_1-C_4alkoxy[[,]]; C_3-C_6-~~alkinyl~~alkynyl[[,]]; cyclopropyl[[,]]; cyclobutyl[[,]]; cyclopentyl[[,]]; cyclohexyl[[,]]; cyclopropyl substituted by C_1-C_4alkyl, pyridyl, phenyl-C_2-C_6alkenyl or cyclopropyl; cyclobutyl substituted by C_1-C_4alkyl; cyclopentylthio-C_1-C_4alkyl[[,]]; benzyloxy[[,]]; benzyloxy substituted by halogen; benzylthio-C_1-C_4alkyl, wherein the benzyl group may itself be substituted by C_1-C_4alkyl; thiophenyl substituted by halophenyl; phenoxy-C_1-C_4alkyl, wherein the phenyl group may be mono- or disubstituted by halogen; phenyl-C_1-C_4alkyl, wherein the phenyl group may itself be mono- or disubstituted by substituents selected from halogen, nitro, benzothiazol-2-yloxy, C_1-C_4haloalkyl, C_1-C_4alkoxy and C_1-C_4alkyl; 3,4-dihydro-2H-benzo[b][1,4]dioxepinyl[[,]]; 1,2,3,4-tetrahydro-naphthalenyl substituted by C_1-C_4alkoxy; C_2-C_8alkenyloxy[[,]]; isoxazolyl substituted by C_1-C_4alkyl; thiazolyl, C_1-C_4alkoxycarbonyl-C_1-C_4alkyl[[,]]; phenyl substituted by hydroxy, halophenyloxy, C_1-C_4alkyl-silyl(C_1-C_4-alkyl)$_3$ or C_2-C_6-~~alkinyl~~alkynyl; pyridyl substituted by C_1-C_4alkoxy; C_1-C_6alkylthio-C_1-C_4alkyl[[,]]; C_2-C_6alkenylthio-C_1-C_4alkyl[[,]]; C_3-C_6alkinylthio-C_1-C_4alkyl[[,]]; dioxolan-2-yl-C_1-C_4alkyl[[,]]; (C_1-C_4alkyl-dioxolan-2-yl)-C_1-C_4alkyl[[,]]; triazolyl-C_1-C_4alkyl[[,]]; thienyl-C_1-C_4alkyl[[,]]; morpholinyl-C_1-C_4alkyl[[,]]; C_1-C_4alkylthio-C_1-C_4alkyl[[,]]; 2,3-dihydro-1H-isoindolyl[[,]]; halo-substituted-thiazolyl-C_1-C_4alkyl[[,]]; C_1-C_4alkylsulfonyl-C_1-C_4alkyl; or quinolylthio-C_1-C_4alkyl, wherein the quinoline group may be substituted by C_1-C_4haloalkyl;

R_{04} is C_1-C_4haloalkyl;

R_{05} is halogen;

each of R_{06} and R_{010}, which may be the same or different, represents hydrogen, C_1-C_6alkyl, C_1-C_8alkoxycarbonyloxy, C_1-C_8alkylcarbonylamino, hydroxy, cyano, halogen or C_1-C_8~~koxy~~alkoxy;

R_{07} is hydrogen, nitro or halogen;

Y_{01} is C(R_{08}), sulfur, nitrogen or a chemical bond;

R_{08} is hydrogen, halogen, C_1-C_4alkyl or nitro;

Y_{02} is C(R_{09}), a chemical bond, or is nitrogen or sulfur; and R_{09} is hydrogen, phenyl, phenyl substituted by halogen, or halogen.